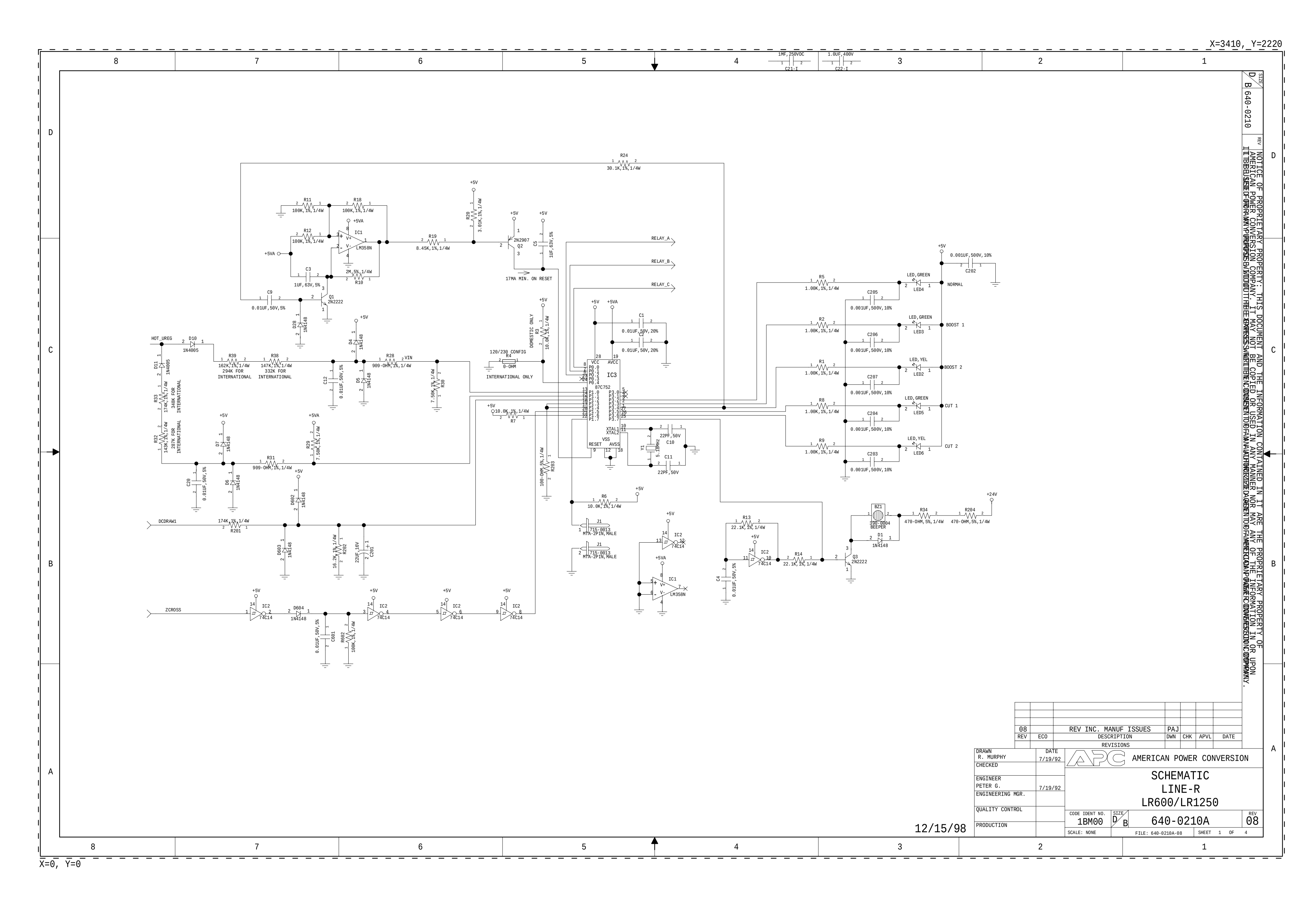


NOTICE OF PROPRIETARY PROPERTY: THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT ARE THE PROPRIETARY PROPERTY OF AMERICAN POWER CONVERSION COMPANY. IT MAY NOT BE COPIED OR USED IN ANY MANNER NOR MAY ANY OF THE INFORMATION IN OR UPON IT BE USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF AN AUTHORIZED AGENT OF AMERICAN POWER CONVERSION COMPANY.
SIZE D B 640-0210 REV
X=3410, Y=2220
X=0, Y=0
1MF,250VDC C21-I
1.0UF,400V C22-I
R24 30.1K,1%,1/4W
R11 100K,1%,1/4W
R18 100K,1%,1/4W
R12 100K,1%,1/4W
IC1 LM358N
+5VA
C3 1UF,63V,5%
R10 2M,5%,1/4W
C9 0.01UF,50V,5%
Q1 2N2222
D28 1N4148
R19 8.45K,1%,1/4W
R20 3.01K,1%,1/4W
Q2 2N2907
C5 1UF,63V,5%
17MA MIN. ON RESET
RELAY_A
RELAY_B
RELAY_C
HOT_UREG
D10 1N4005
D11 1N4005
R39 162K,1%,1/4W 294K FOR INTERNATIONAL
R38 147K,1%,1/4W 332K FOR INTERNATIONAL
R33 174K,1%,1/4W 348K FOR INTERNATIONAL
R32 143K,1%,1/4W 287K FOR INTERNATIONAL
C12 0.01UF,50V,5%
D4 1N4148
D5 1N4148
R28 909-OHM,1%,1/4W
VIN
R30 7.50K,1%,1/4W
R3 10.0K,1%,1/4W DOMESTIC ONLY
R4 0-OHM 120/230 CONFIG INTERNATIONAL ONLY
R7 10.0K,1%,1/4W
D7 1N4148
D6 1N4148
R31 909-OHM,1%,1/4W
R29 7.50K,1%,1/4W
C20 0.01UF,50V,5%
D602 1N4148
DCDRAW1
R201 174K,1%,1/4W
D603 1N4148
R202 16.2K,1%,1/4W
C201 22UF,16V
ZCROSS
IC2 74C14
D604 1N4148
C601 0.01UF,50V,5%
R602 100K,1%,1/4W
IC3 87C752
VCC AVCC XTAL1 XTAL2 VSS RESET AVSS
C1 0.01UF,50V,20%
C2 0.01UF,50V,20%
C10 22PF,50V
C11 22PF,50V
Y1 5.18MHz
R203 100-OHM,5%,1/4W
R6 10.0K,1%,1/4W
J1 715-0013 MTA-2PIN,MALE
R13 22.1K,1%,1/4W
C4 0.01UF,50V,5%
R14 22.1K,1%,1/4W
Q3 2N2222
R5 1.00K,1%,1/4W
R2 1.00K,1%,1/4W
R1 1.00K,1%,1/4W
R8 1.00K,1%,1/4W
R9 1.00K,1%,1/4W
C205 0.001UF,500V,10%
C206 0.001UF,500V,10%
C207 0.001UF,500V,10%
C204 0.001UF,500V,10%
C203 0.001UF,500V,10%
C202 0.001UF,500V,10%
LED4 LED,GREEN NORMAL
LED3 LED,GREEN BOOST 1
LED2 LED,YEL BOOST 2
LED5 LED,GREEN CUT 1
LED6 LED,YEL CUT 2
+24V
BZ1 390-0004 BEEPER
R34 470-OHM,5%,1/4W
R204 470-OHM,5%,1/4W
D1 1N4148
+5V
08 REV INC. MANUF ISSUES PAJ
REV ECO DESCRIPTION DWN CHK APVL DATE
REVISIONS
DRAWN R. MURPHY DATE 7/19/92
CHECKED
ENGINEER PETER G. 7/19/92
ENGINEERING MGR.
QUALITY CONTROL
PRODUCTION
APC AMERICAN POWER CONVERSION
SCHEMATIC
LINE-R
LR600/LR1250
CODE IDENT NO. 1BM00
SIZE D B
640-0210A
REV 08
SCALE: NONE
FILE: 640-0210A-08
SHEET 1 OF 4
12/15/98